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P.O. Box 1450,
Alexandria, VA 22313-1450, on: August 30, 2004

Robert Moll
Robert Moll, Reg. No. 33,741

U.S. PATENT AND TRADEMARK OFFICE

In re Application of: Glen C. Shepherd et al. Examiner: Unknown

Title: A Substrate with Via and Pad

Art Unit: 2841

Structures

Attorney Docket No. Solelectron 735

Application No. 10/774,115

Filing date: February 6, 2004

INFORMATION DISCLOSURE STATEMENT

Director of the United States
Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner:

This Information Disclosure Statement is submitted:

X under 37 CFR 1.97(b), or

(Within three months of filing national application; or date of entry of
international application; or before mailing date of first office action on
the merits; whichever occurs last)

☐ under 37 CFR 1.97(c) together with either:

☐ a certification under 37 CFR 1.97(e),

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with a:

☐ Certification under 37 CFR 1.97(e), and

☐ a petition under 37 CFR 1.97(d)(2)(ii), and

☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

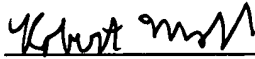
☒ Applicant(s) submit an information disclosure statement and PTO/SB/08A form(s), and/or PTO/SB/08B form(s)

☒ Applicant(s) submit copies of patents, publications, and/or other information to be reviewed in examination for which there may be a duty to disclose under 37 CFR 1.56, or

☐ Applicant(s) submitted copies of such patents, publications, or other information in an information disclosure in earlier US Application No. _____, which is relied on for an earlier effective filing date under 35 USC 120

Please call if you have a question, comment or it will expedite prosecution.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert Moll", is positioned above a horizontal line.

Robert Moll

Reg. No. 33,741

1173 St. Charles Court

Los Altos, CA 94024

Tel: 650-567-9153

Fax: 650-567-9183

Email: rgmoll@patentplanet.com



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/774,115
Filing Date	02-06-2004
First Named Inventor	Glen C. Shepherd
Art Unit	2841
Examiner Name	Unknown
Attorney Docket Number	Solectron 735

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6549179 B2	04-15-2003	Youngquist et al.	
		US- 6300578 B1	10-09-2001	Hoffmeyer et al.	
		US- 6104082	08-15-2000	Berlin et al.	
		US- 5805428	09-08-1998	Singer	
		US- 5731960	03-24-1998	Fung	
		US- 5683788	11-04-1997	Dugan et al.	
		US- 5459642	10-17-1995	Stoddard	
		US- 5384433	01-24-1995	Osann, Jr. et al.	
		US- 5303122	04-12-1994	Adams, Jr. et al.	
		US-			
		US- 2003/0148557 A1	08-07-2003	Lim et al.	
		US- 2003/0064546 A1	04-03-2003	McCormick et al.	
		US- 2003/0063447 A1	04-03-2003	Cwik et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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